

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1373	sonos or (silicon adj1 oxide adj1 nitride adj1 oxide) or (silicon-oxide-nitride-oxide-silicon)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L2	788493	spacer\$1 or sidewall\$1	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L3	525	L1 and L2	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 15:01
L4	182665	"438"/\$.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L5	1990	438/216,261,287,288.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L6	476	438/267,596.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L7	36	L1 and L6	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41

## EAST Search History

L8	10	("5408115"   "6040995"   "6248633"   "6255166"   "6356482"   "6413821"   "6469935"   "6498377"   "6531350"   "6759290").PN. OR ("6900098").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L9	86	("5494838"   "5496753"   "5776787"   "5780341"   "5789297"   "5824584"   "5851881"   "5930631"   "6107141").PN. OR ("6177318").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L10	113	L1 and L5	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L11	374	L1 and L4	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L12	237147	nonvolatile or non-volatile or (non adj1 volatile)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L13	788493	spacer\$1 or sidewall\$1	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L14	2177	L12 same L13	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L15	87173	charge\$1 with storage\$1	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41

## EAST Search History

L16	126	L14 same L15	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L17	119	("5020030"   "5051793"   "5063172"   "5130769"   "5225362"   "5274588"   "5280446").PN. OR ("5408115").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L18	18	("20020100929"   "20020127805"   "20030054610"   "20030057505"   "20030058705"   "20030060011"   "5408115"   "5422504"   "5494838"   "5838041"   "5969383"   "6177318"   "6248633"   "6255166"   "6413821"   "6518124").PN. OR ("6809374").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L19	20	("4881108"   "5215933"   "5312518"   "5378910"   "5408115"   "5422504"   "5424979"   "5768192"   "5780341"   "5969383"   "5985712"   "6030869"   "6040995"   "6087698"   "6093605"   "6242773"   "6429073").PN. OR ("6632714").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L20	18	("20020100929"   "20020127805"   "20030054610"   "20030057505"   "20030058705"   "20030060011"   "5408115"   "5422504"   "5494838"   "5838041"   "5969383"   "6177318"   "6248633"   "6255166"   "6413821"   "6518124").PN. OR ("6809374").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41

## EAST Search History

L21	16	("20020142523"   "5067108"   "5467308"   "5559049"   "6011725"   "6388293"   "6399469"   "6437377"   "6461904"   "6506649"   "6509219"   "6528363"   "6541320"   "6551941"   "6580136"   "6645840").PN. OR ("6806517").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L22	7	("5838041"   "6133098"   "6255166").PN. OR ("6686632").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L23	18	("4714050"   "4975384"   "5234856"   "5278438").PN. OR ("5424569").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L24	30	("4914050"   "4975384"   "5234856"   "5278438").PN. OR ("5387534").URPN.	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L25	1373	sonos or (silicon adj1 oxide adj1 nitride adj1 oxide) or (silicon-oxide-nitride-oxide-silic on)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L26	224	L25 same L15	US-PGPUB ; USPAT; USOCR	OR	OFF	2006/03/21 14:41
L27	476	438/267,596.ccls.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L28	1159	L13 same L15	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L29	356	L12 and L28	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41

## EAST Search History

L30	34	(semiconductor adj1 oxide adj1 nitride adj1 oxide) or (semiconductor-oxide-nitride-oxide-semiconductor)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 14:41
L31	7619816	lower or bottom	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 15:01
L32	172639	l2 with l31	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 15:02
L33	117	l1 and l32	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 15:07
L34	199	l15 same l32	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/03/21 15:08

# (Interference Search)

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	51	(charg\$3 and stor\$3 and (side\$1 or sidewall\$1 or spacer\$1) and gate\$1 and (align\$3 or (self adj1 align\$3) or (self-alignn\$3)) and (lower or bottom or upper or top)).clm.	US-PGPUB	OR	OFF	2006/03/21 15:16